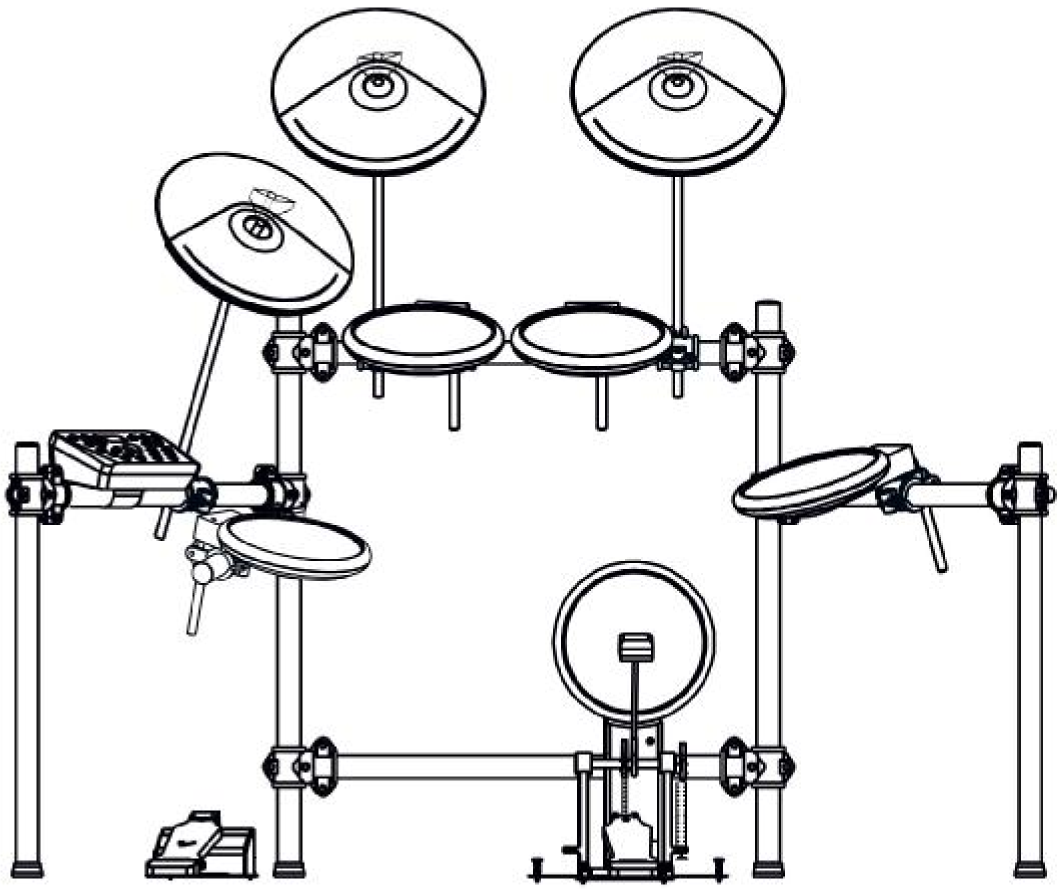
WORLDE ELECTRONIC DRUM
D-M70/80/90 User manual
V1.00



Contents

Introduction

Thank you for purchasing the Worlde Electronic Drum model.To help you get the most out of your new instrument, please read this manual carefully.

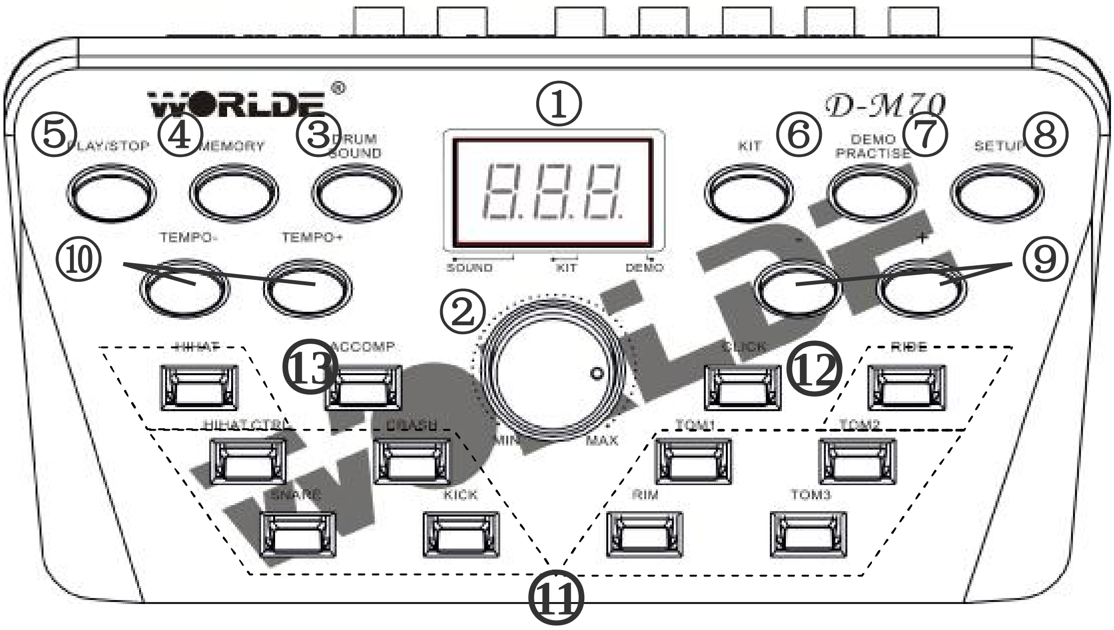


Features

- Drum :4 drum pads（D-M70/80:1 snare with rim,D-M90:1 snare with rim,3 tom with rim）, 3 cymbal pads(D-M80: 2 cymbal with rim),1hi-hat control pedal,1 kick trigger
- Voices: 260 voices(D-M70),280 voices(D-M80)
- Drum kits:20 preset kits,10 user kits(D-M70), 20 user kits(D-M80/D-M90)
- Demo:20 demo for practise
- Controls: Power Switch, Start/Stop, Setup, Memory, Kit, Drum Sound/ Level/Pan, Demo/volume, Click, Hi-Hat, Crash, Ride, Hi-Hat Control, Snare, Tom1, Tom2, Tom3, Kick, Rim, Volume+/-, Tempo+/-
- Display:LED display
- Connections:Midi Out/Phones/Hi-Hat Control/Hi-Hat/Crash/Ride/Snare/ Tom1/Tom2/Tom3/Kick/Output(R&L/Mono)/Line In
- Power Supply:DC adaptor(9V)

Panel Control

Front panel



① Display the information about the current menu

② Control the volume of the device

③ Enter the voice menu

④ Enter or quit the memory satus

⑤ Start\Stop demo

⑥ Enter the kit menu

⑦ Enter the demo practice menu

⑧ Setup the parameters of the current pad

⑨ Adjust the parameters of current menu

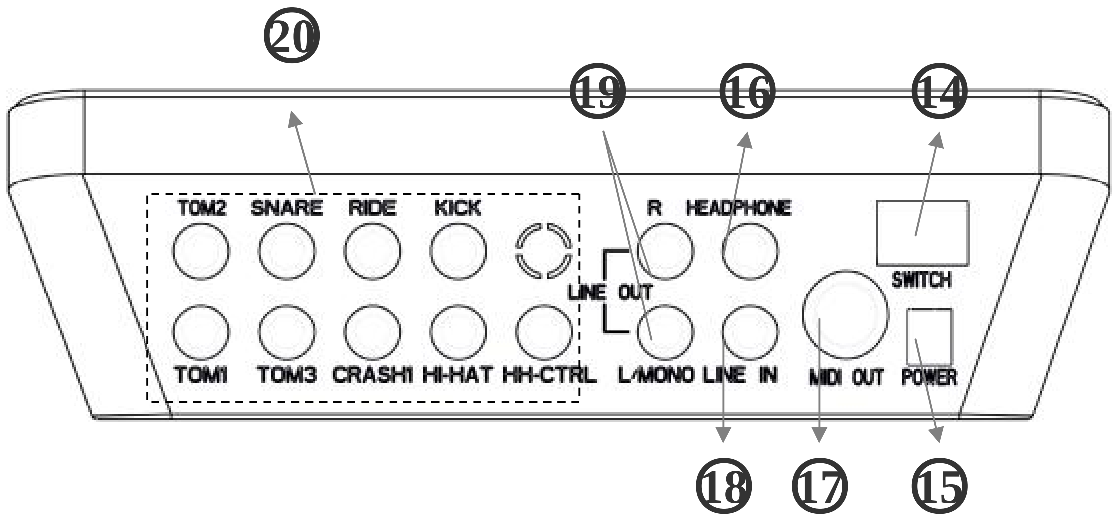
⑩ Tempo increase/decrease

⑪ Those buttons match the drum pads

⑫ Turn the click on/off

⑬ Turn the demo practice on/off

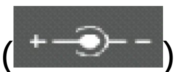
Rear panel



⑭ Power switch

Switch turns the power on/off

⑮ DC adapter jack

9V DC ()

⑯ Headphone jack

A pair of stereo headphones can be connected to this jack

⑰ MIDI OUT

It can be connected with the external MIDI sound generator

⑱ LINE IN

Connect this to the external sound source

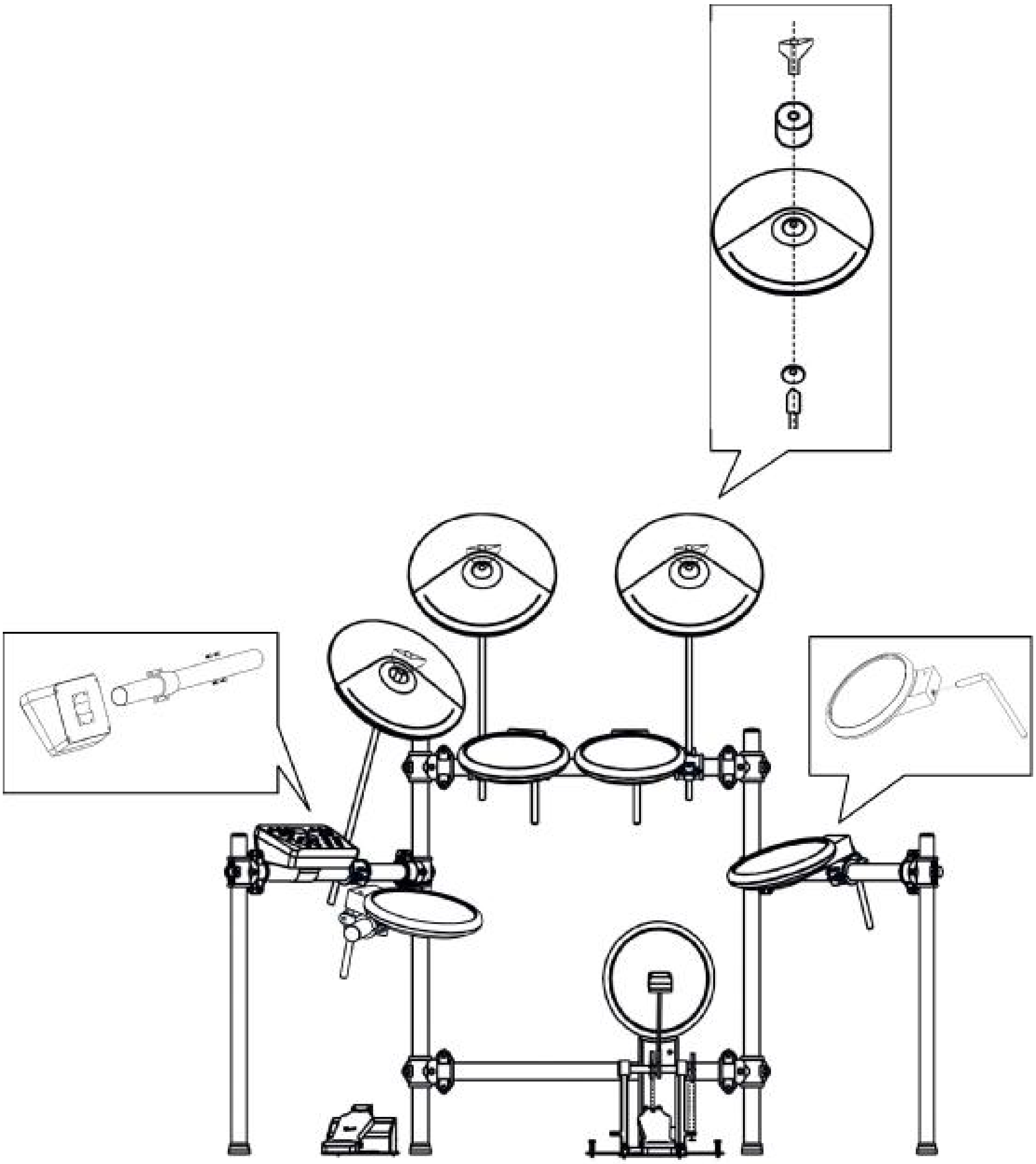
⑲ OUTPUT Jacks (L, MONO, R)

Connect these to your amp or audio system.

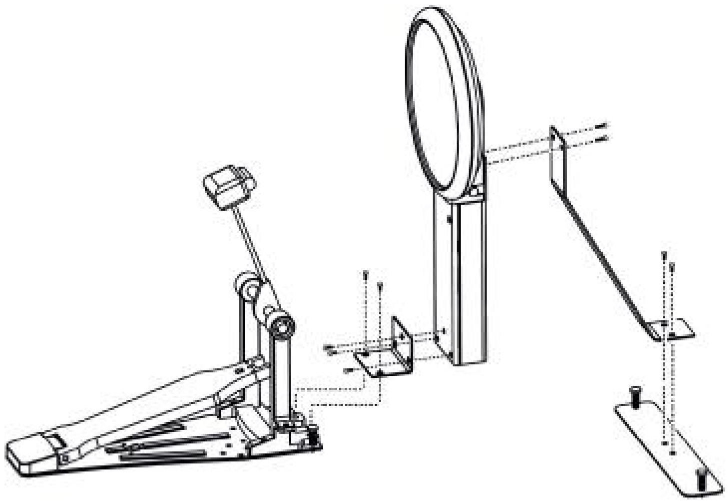
⑳ TRIGGER INPUTS

These inputs are to connect the pads,cymbals,kick,hi-hat control

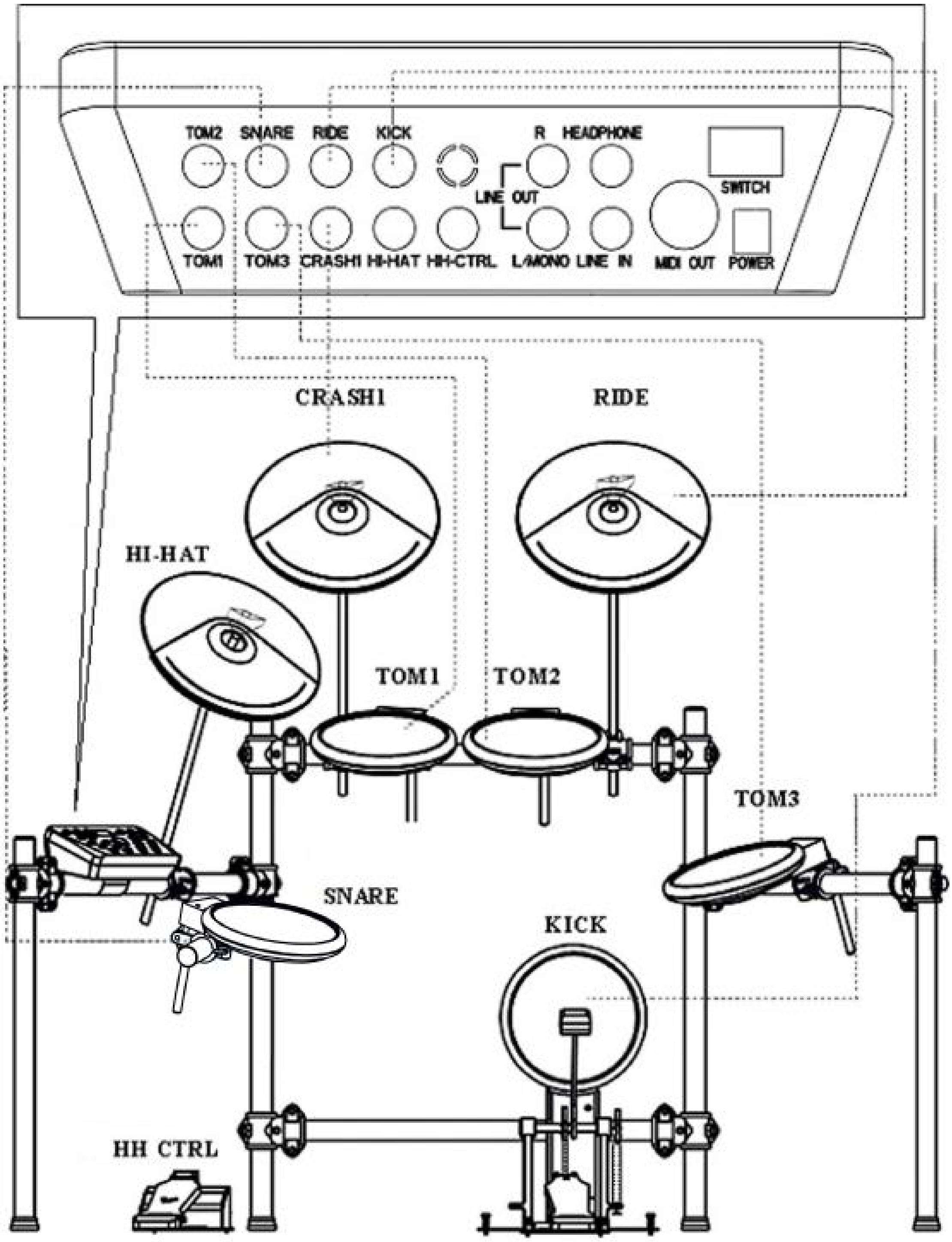
Setting up the whole system



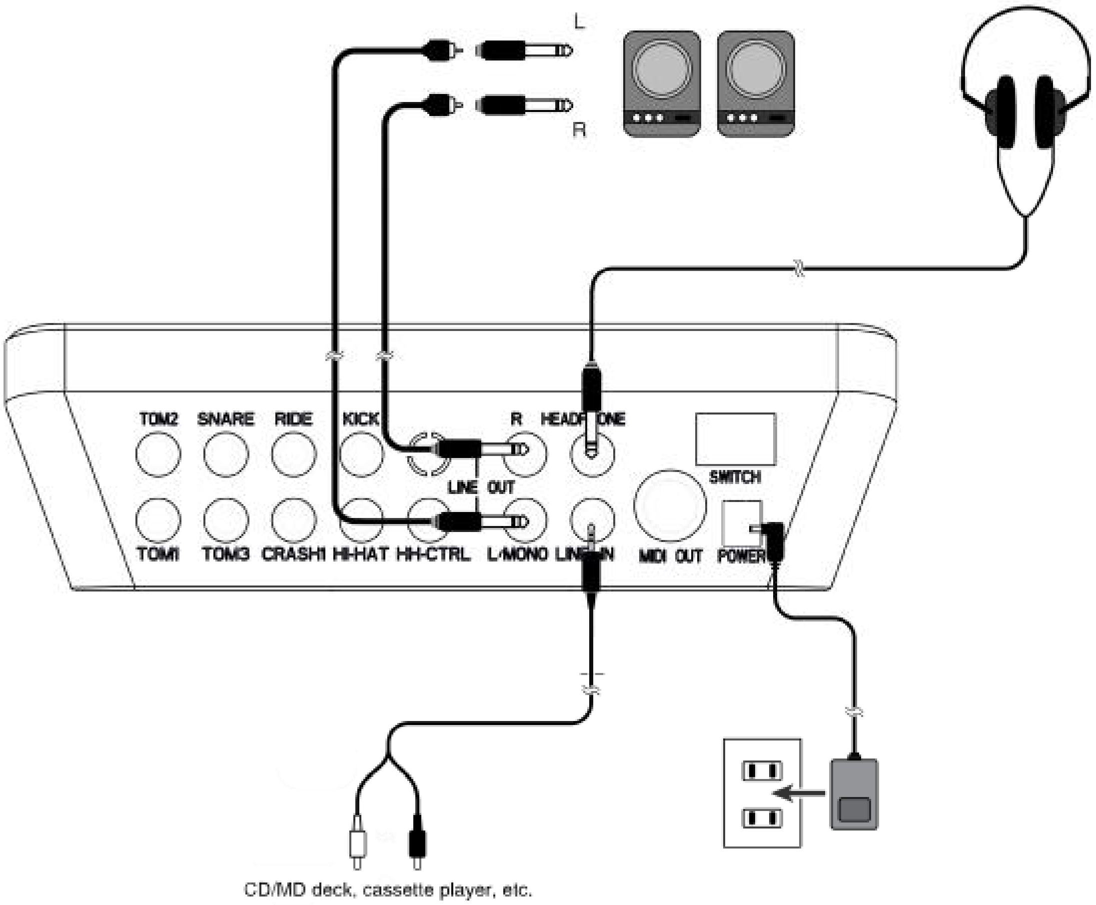
Setting up the Kick



Connecting the pads, the cymbals, the hi-hat pedal,and the kick



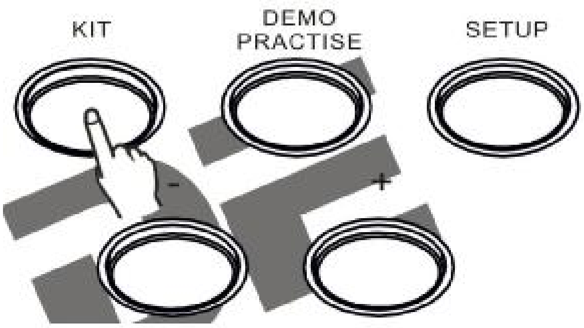
Connecting the adapter, the headphone,the Amps,and others



Function

1.1 KIT

Press the KIT button to enter the kit menu. There are 20 preset kits and 10 user kits(D-M70)/ 20 user kits(D-M80), Use the +/- button to choose the desired kit. The LED will display the current kit number.





1.2 DEMO

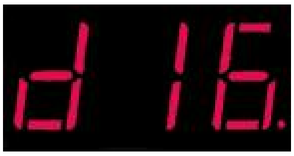
Press the DEMO PRACTISE button to enter the DEMO menu page.There are 20 preset demo songs for customers to practise. Use the +/- button to choose the desired DEMO. Press the PLAY/STOP button to



play or stop the demo practice.



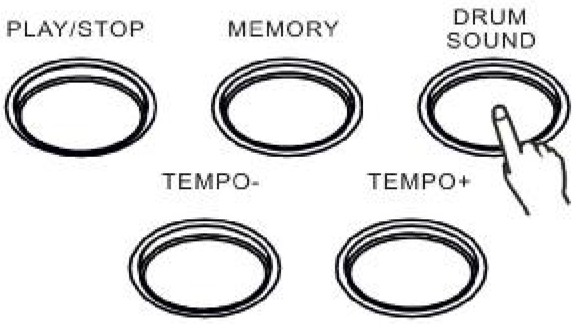
Press the DEMO PRACTISE button again to enter the DEMO VOLUME page. You can use the +/- button to change the DEMO volume.



The two pages is in turn by pressing the DEMO PRACTISE button.

1.3 DRUM SOUND

Press the DRUM SOUND button to enter the DRUM SOUND menu page. There are 260 voices can be choosed and assigned to the current pad.





Press the DRUM SOUND again to enter the VOICE VOLUME page,The current pad volume can be changed by using the +/- button.



and press the DRUM SOUND at the third time, to enter the VOICE PAN page,Using the +/- button to change the pan value of the current voice.



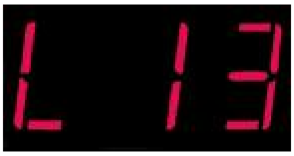
The three pages are in turn by pressing the DRUM SOUND button.

1.4 SETUP

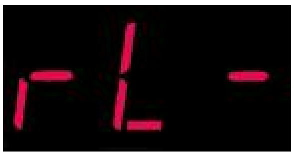
There are four menu pages in SETUP button,



the first is the PAD SENSITIVITY page,you can adjust the pad sensitivity value by using the +/- button in this page.



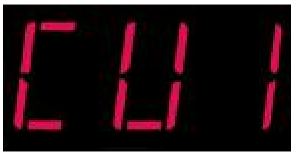
the second is the PAD RIM SENSITIVITY page,if the current PAD has rim, the rim sensitivity can be adjusted by using the +/- buttion.



the third is the CROSSTALK page, when striking a pad may affect another pad, specially to change the sensitivity of the pad, it can be avoided by using the +/- button to adjust the crosstalk value.

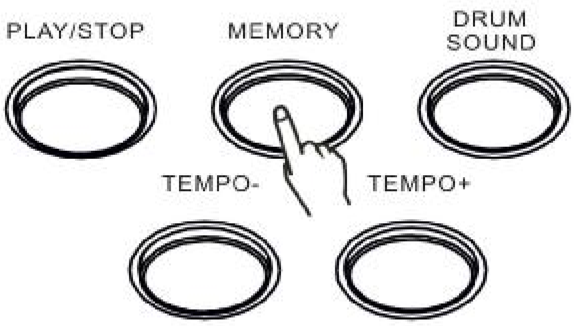


the fourth is the VELOCITY CURVE page,you can use the +/- button to choose the desired pad curve.



1.5 MEMORY

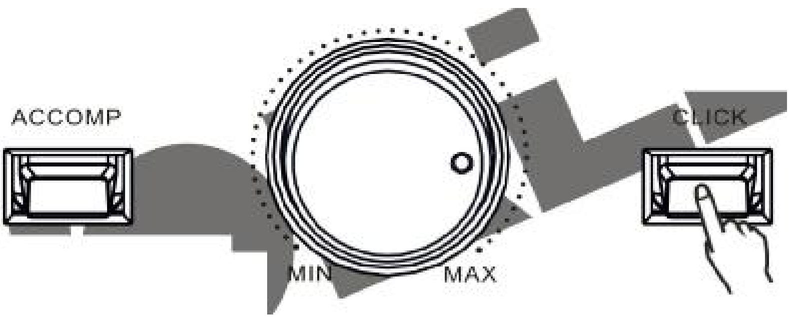
It has 10 memory to store user kit,the +\- button be used to choose the memory area.





1.6 CLICK

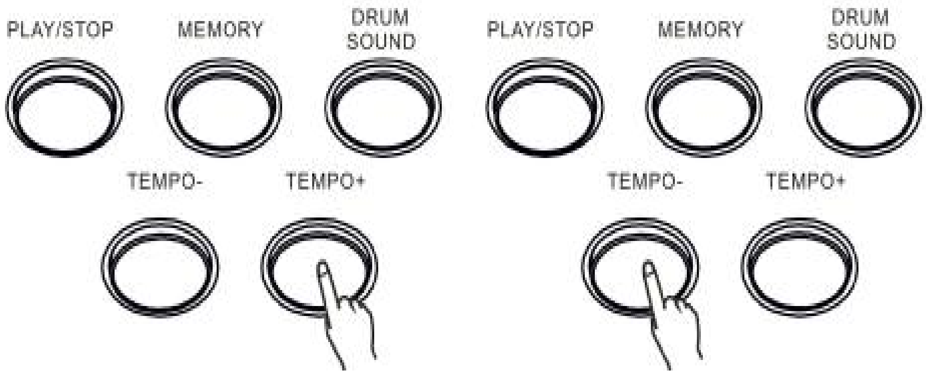
Press the CLICK button to turn on or turn off the metronome.





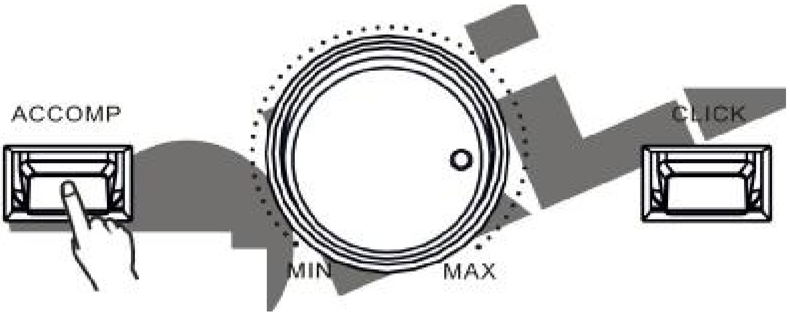
1.7 TEMPO

Press the TEMPO+ to increase tempo of the DEMO or metronome, Press the TEMOP- to decrease the tempo of the DEMO or metronome.



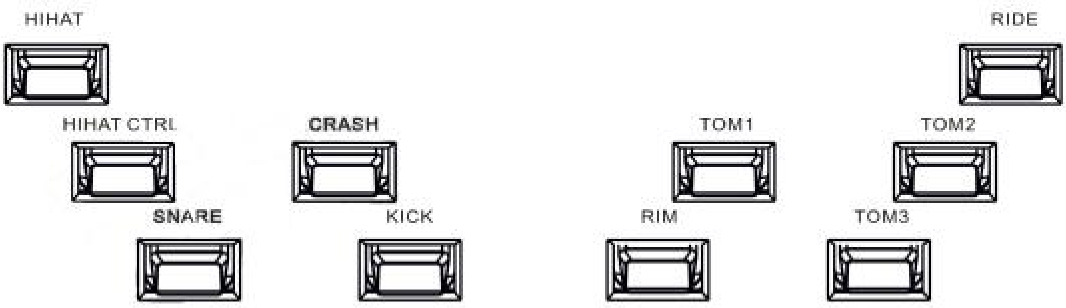
1.8 DEMO MUTE

Press the ACCOMP button to activate or inactivate the demo mute function, When activating the demo mute, Practicer can not hear the DEMO sound but it still play interiorly.



1.9 DRUM KEY

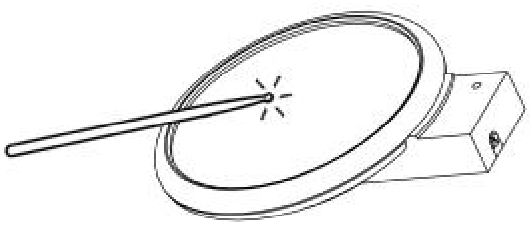
These buttons:snare/kick/tom1/tom2/tom3/crash/ride/hihat/hihat ctrl/rim,can be used to preview the sound of the corresponding pad when changing the voice.



1.10 PAD HEAD SHOTS AND RIM SHOTS

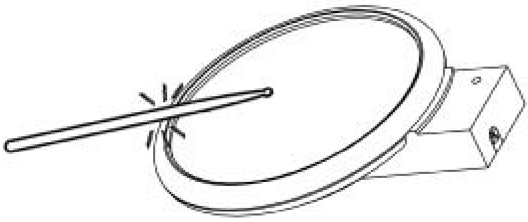
Head Shot for all pads

Head shot



Rim Shot only for snare/tom1/tom2/tom3(tom rim shot only for D-M90)

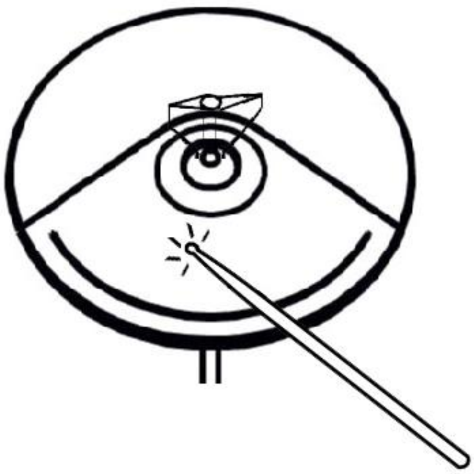
Rim shot



1.11CYMBAL BOW SHOTS AND EDGE SHOTS

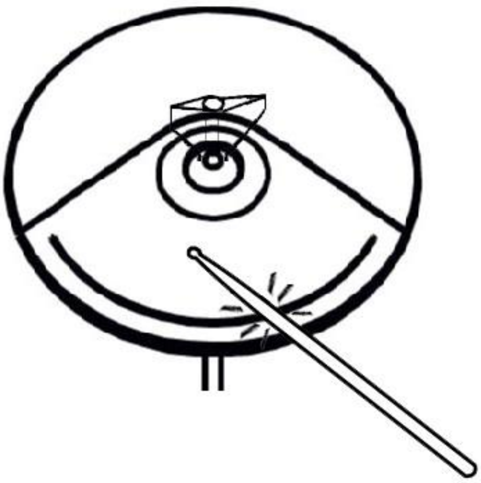
Bow shot for all cymbals

Bow shot



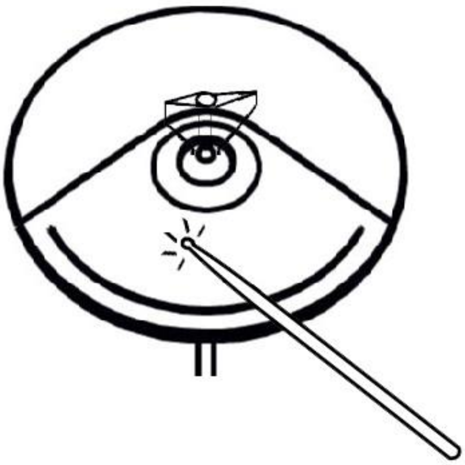
Edge shot only for crash(D-M80/90),ride(D-M80/90)

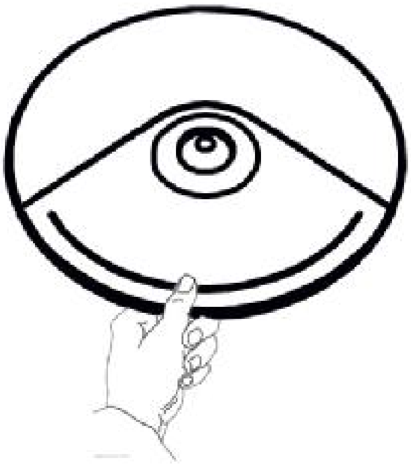
Edge shot



1.12 CYMBAL CHOKE

Squeezing the rim after striking the cymbal,the sound can be muted.





MIDI Implementation Chart

Function	Transmitted	Recognized	Remarks
Basic Default Channel : Changed	10ch ×	× ×	
Default Mode : Messages Altered	MODE 3 × ***********	× × ***********	
Note Number : True voice	0—127 ***********	0－127 ×	
Velocity : Note on Note off	○ 99H,V=1-127 ○（99H,V=0）	× ×	
After key's Touch Ch's	× ×	× ×	
Pitch Bend	×	×	
Control 0-127 Change :	×	×	
Program Change : True Number	× ×	× ×	
System Exclusive	×	×	
System :Song Position Common :Song Select : Tune	× × ×	× × ×	
System :Clock Real Time :Commands	○ ○	× ×	 START and STOP only
LOCAL ON/OFF All Notes Off Active sensing System Reset All Sounds Off ResetAl l Controller	× × ○ × × ×	× × × × × ×	

Mode 1: OMNI ON, POLY Mode 2: OMNI ON, MONO

Mode 3: OMNI OFF, POLY Mode 4: OMNI OFF, MONO O: Yes X: No

General MIDI Drums-Note assignments

MIDI Note	Drum Sound	MIDI Note	Drum Sound	MIDI Note	Drum Sound
35	AcousticBass Drum	52	Chinese Cymbal	69	Cabasa
36	Bass Drum 1	53	Ride Bell	70	Maracas
37	Side Stick	54	Tambourine	71	Short Whistle
38	Acoustic Snare	55	Splash Cymbal	72	Long Whistle
39	Hand Clap	56	Cowbel	73	Short Guiro
40	Electric Snare	57	Crash Cymbal 2	74	Long Guiro
41	Low Floor Tom	58	Vibraslap	75	Claves
42	Closed Hi-Hat	59	Ride Cymbal 2	76	Hi Wood Block
43	High Floor Tom	60	Hi Bongo	77	Low Wood Block
44	Pedal Hi-Hat	61	Low Bongo	78	Mute Cuica
45	Low Tom	62	Mute Hi Conga	79	Open Cuica
46	Open Hi-Hat	63	Open Hi Conga	80	Mute Triangle
47	Low-Mid Tom	64	Low Conga	81	Open Triangle
48	Hi-Mid Tom	65	High Timbale		
49	Crash Cymbal 1	66	Low Timbale		
50	High Tom	67	High Agogo		
51	Ride Cymbal 1	68	Low Agogo		

Sales Head Office:

Hangzhou Worlde Digital Piano Co., Ltd

Hangzhou Worlde Music Electronic Co., Ltd

Add:5 Houshan Rd, Wuchang Industrial Park, Yuhang District, Hangzhou, 310023,P.R.China

Tel:0086 571 88730848 **Fax:0086 571 88730748**

Email:sales@worlde.com.cn **Website:www.worlde.com.cn**